| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/Callable.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV CLASS**](http://docs.google.com/java/util/concurrent/BrokenBarrierException.html)   [**NEXT CLASS**](http://docs.google.com/java/util/concurrent/CancellationException.html) | [**FRAMES**](http://docs.google.com/index.html?java/util/concurrent/Callable.html)    [**NO FRAMES**](http://docs.google.com/Callable.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#3znysh7) | DETAIL: FIELD | CONSTR | [METHOD](#2et92p0) |

## **java.util.concurrent**

Interface Callable<V>

**Type Parameters:**V - the result type of method call **All Known Subinterfaces:** [JavaCompiler.CompilationTask](http://docs.google.com/javax/tools/JavaCompiler.CompilationTask.html)

public interface **Callable<V>**

A task that returns a result and may throw an exception. Implementors define a single method with no arguments called call.

The Callable interface is similar to [Runnable](http://docs.google.com/java/lang/Runnable.html), in that both are designed for classes whose instances are potentially executed by another thread. A Runnable, however, does not return a result and cannot throw a checked exception.

The [Executors](http://docs.google.com/java/util/concurrent/Executors.html) class contains utility methods to convert from other common forms to Callable classes.

**Since:** 1.5 **See Also:**[Executor](http://docs.google.com/java/util/concurrent/Executor.html)

| **Method Summary** | |
| --- | --- |
| [V](http://docs.google.com/java/util/concurrent/Callable.html) | [**call**](http://docs.google.com/java/util/concurrent/Callable.html#call())()            Computes a result, or throws an exception if unable to do so. |

| **Method Detail** |
| --- |

### call

[V](http://docs.google.com/java/util/concurrent/Callable.html) **call**()  
 throws [Exception](http://docs.google.com/java/lang/Exception.html)

Computes a result, or throws an exception if unable to do so.

**Returns:**computed result **Throws:** [Exception](http://docs.google.com/java/lang/Exception.html) - if unable to compute a result

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/Callable.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV CLASS**](http://docs.google.com/java/util/concurrent/BrokenBarrierException.html)   [**NEXT CLASS**](http://docs.google.com/java/util/concurrent/CancellationException.html) | [**FRAMES**](http://docs.google.com/index.html?java/util/concurrent/Callable.html)    [**NO FRAMES**](http://docs.google.com/Callable.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#3znysh7) | DETAIL: FIELD | CONSTR | [METHOD](#2et92p0) |

[Submit a bug or feature](http://bugs.sun.com/services/bugreport/index.jsp)

For further API reference and developer documentation, see [Java SE Developer Documentation](http://docs.google.com/webnotes/devdocs-vs-specs.html). That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.

Copyright 2006 Sun Microsystems, Inc. All rights reserved. Use is subject to [license terms](http://docs.google.com/legal/license.html). Also see the [documentation redistribution policy](http://java.sun.com/docs/redist.html).